

SECTION J CLEANING

J.1 Introduction

This section contains instructions for MTU cleaning. Use the cleaning agent (solvent) that is supplied with the cleaner kit (B960-0110-T016A). In general, never apply rough or abrasive material or hard tools, such as metal bars, when cleaning MTU components. Clean the surfaces shown in Figure J.1 and listed below with a gauze cloth soaked in solvent.

J.2 Read/Write and Erase Heads

Clean Read/Write and Erase heads every 8 hours as follows:

- (1) Open the front door of the MTU.
- (2) Lift up auto cleaner to access the lower part of read/write head.
- (3) Use a circular motion while applying a gauze cloth soaked in solvent to the heads.
- (4) Inspect the heads after cleaning.
- (5) Remove adhering gauze thread with a cotton swab or clean cloth.

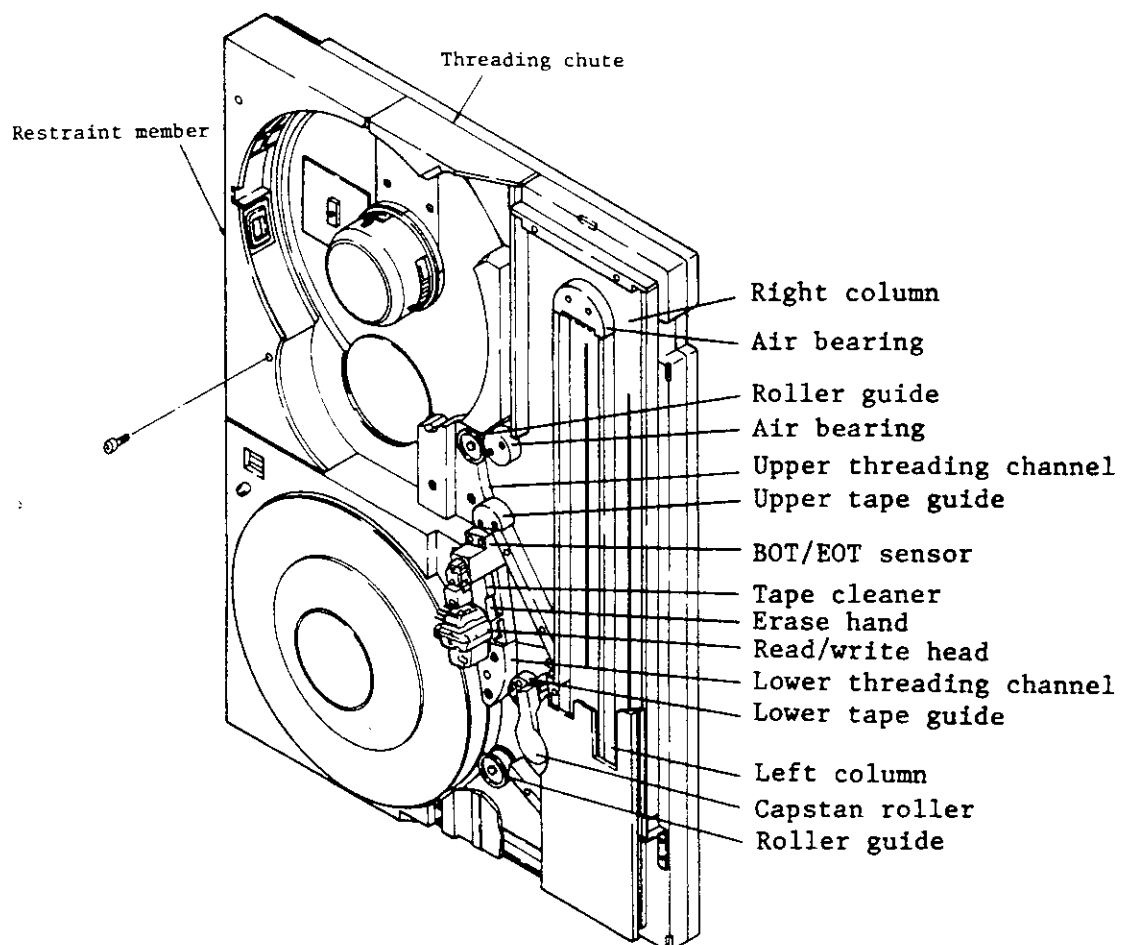


Figure J.1 MTU components requiring cleaning

J.3 Capstan Roller

Clean the capstan roller every 8 hours as follows:

- (1) Wear clean gloves or cover hands with a gauze cloth. Do not touch the capstan surface with uncovered hands.
- (2) Manually turn the capstan and clean carefully with a gauze cloth soaked in solvent.
- (3) Inspect the capstan for gauze threads and remove with a clean cloth.

J.4 Tape Cleaner

Clean the edges of the tape cleaner every 8 hours with a cotton swab or gauze soaked in solvent.

J.5 Other MTU Components Shown in Figure J.1

Clean each of the following items every 8 hours with a gauze cloth or cotton swab containing solvent. To remove dirt from more inaccessible locations, use a brush dipped in solvent. After brushing, apply a gauze cloth or cotton swab soaked in solvent to these surfaces.

- (1) Tape guide (upper and lower)
- (2) Air bearing (see two locations in Figure J.1)
- (3) Roller guide
- (4) Upper threading channel
- (5) Lower threading channel
- (6) Column interior
- (7) Glass cover
- (8) Photo sensor (beginning of tape and end of tape sensor).

J.6 Tape Guides

The upper and lower tape guides should be removed, disassembled, and cleaned with a cotton swab, gauze cloth, or brush every 3 months.

- (1) Refer to L0070 for removal and replacement of the tape guides.
- (2) Clean all surfaces with the cleaning solvent.
- (3) Ensure that the upper guide air-outlet hole is free of dust.
- (4) Clean the panel surfaces on which the guides are mounted.
- (5) Inspect the guides and flanges for damage or wear.
- (6) Replace any damaged components.
- (7) Reinstall the upper and lower tape guides.

J.7 Air Bearings

The two air bearings shown in Figure J.1 should be removed and cleaned with a cotton swab, gauze cloth, or brush every 12 months.

- (1) Unscrew each of the air bearings and remove from the panel.
- (2) Clean all surfaces.
- (3) Ensure that the air outlet holes in each bearing is free of dust.
- (4) Clean the panel surfaces on which the air bearings are mounted.
- (5) Reattach the two air bearings.

J.8 Tape Cleaner

The tape cleaner should be removed (see L0050) and thoroughly cleaned every 3 months with a cotton swab, gauze, or brush soaked in cleaning solvent. Clean the mounting base and replace the tape cleaner.

J.9 BOT/EOT Low Tape Sensors

- (1) Refer to L0060 and L0250 for removal and replacement procedures.
- (2) Clean all surfaces every 8 hours with a brush soaked in cleaning solvent.

J.10 Machine Reel, Panel Surfaces, And Glass Doors

Clean all external and internal surfaces every 6 months with a gauze cloth soaked in cleaning solvent. Vacuum the mechanism from the rear of the MTU.

J.11 Air Filters

- (1) Remove air filters every 3 months (see L0370 and L0380).
- (2) Clean the air filters with a vacuum cleaner.
- (3) Replace air filters every 2 years.